

## 21

storing the self-describing file, wherein, the stored self-describing file comprises the extension element.

11. The computer storage device of claim 10, wherein the first portion of data is at least one of an object, a property, a formula, a relationship, and a component.

12. The computer storage device of claim 11, wherein the second portion of data is at least one of an object, a property, a formula, a relationship, and a component.

13. The computer storage device of claim 10, wherein the information of the extension element defines a relationship between the first portion of data and the second portion of data.

14. The computer storage device of claim 10, wherein providing the extension element comprises generating the extension element by the first application.

15. The computer storage device of claim 10, wherein providing the extension element comprises receiving the extension element from a source other than the first application.

16. The computer storage device of claim 13, wherein defining the relationship between the first portion of data and the second portion of data comprises providing a formula to calculate the second portion of data based on the first portion of data.

17. A method for recalculating content stored in a self-describing file, the method comprising:

## 22

opening, by a second application run on a computing device, the self-describing file, wherein the self-describing file is created by a first application, and wherein the self-describing file includes content;

5 determining, by the second application run on the computing device, that a portion of the content of the self-describing file is incorrectly calculated;

10 recalculating, by the computing device, the portion of the content of the self-describing file determined to be incorrectly calculated; and

storing by the computing device, the recalculated portion of the content in the self-describing file.

15 18. The method of claim 17, wherein determining that a portion of the content of the self-describing file is incorrectly calculated comprises parsing the self-describing file to check for at least one of missing data and incorrect data.

19. The method of claim 17, wherein determining that a portion of the content of the self-describing file is incorrectly calculated comprises checking for an indicator within the self-describing file, the indicator indicating that at least a portion of the content has been incorrectly calculated.

20 20. The method of claim 17, further comprising displaying the content of the self-describing file by the second application.

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